BRUHAT BANGALORE MAHANAGARA PALIKE

Office of the Executive Engineer, Rajarajeshwari Nagara Division, RR Nagara Zone, B.B.M.P., Bangalore.

Tender Notification No: RRND/EE/Tend/12/2016-17 Date: 01.09.2016

Indet No: BBMP/2016-17/BD/WORK_INDENT21835/CALL-2

SCHEDULE -B

Name of Work: Remodelling of segregation point, RCC drain and development of water body at JP Park (Muthyalanagara) in ward no 17

Sl. No	Qty	Description of work	Unit	In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	1000.00	KSRRB 200-8. Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specifications.	Sqm	8.00	Rupees Eight Only
2	127.20	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.	Cum	220.00	Rupees Two Hundred Twenty Only
3	43.34	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	6200.00	Rupees Six Thousand Two Hundred Only
4	49.39	Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum	5200.00	Rupees Five Thousand Two Hundred Only
5	45.78	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications..	Cum	8000.00	Rupees Eight Thousand Only

Signature of the contractor

Executive Engineer
RRNagara Division
BBMP

Scanned by CamScanner

6	18.00	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mmand down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.459cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications	Cum	7900.00	Rupees Seven Thousand Nine Hundred Only
7	4.58	Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications.	MT	83000.00	Rupees Eighty Three Thousand Only
8	309.53	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons.	Sqm	350.00	Rupees Three Hundred Fifty Only
9	45.00	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete.	Sqm	914.00	Rupees Nine Hundred Fourteen Only
10	8300.00	Providing chamfering edges to stone slab 2.5 cms. Wide as per specifications. (only chamfered length shall be recorded)	mtr	35.00	Rupees Thirty Five Only
11	277.68	Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 N/sq.mm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications	Sqm	1171.00	Rupees One Thousand One Hundred Seventy One Only
12	277.68	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm	191.00	Rupees One Hundred Ninety One Only
13	277.68	Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications	Sqm	229.00	Rupees Two Hundred Twenty Nine Only

Scanned by CamScanner

14	10000.00	Fabricating, supplying & erecting M.S. angular Truss of span upto 10m. The bottom & top member is provided with 50x50x6mm double equal angles, welded back to back and in between top & bottom line, in areas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided. All the members are welded together with 6mm gusset plate as per Drawing No.CBS/ SD/K-Mantap/9/MND/97. The entire truss is anchored in RCC column by using 4 Nos. of M.S. anchor bolts at each support, with 10mm thick base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S angle and wleding wherever necessary, and applying one coat of red oxide primer coat to all the members including cost of all materials, labour charges, & hire charges of machineries for cutting, welding, grinding & erection equipments, etc., complete as per specification	kgs	147.00	Rupees One Hundred Forty Seven Only
15	240.00	Providing and laying to required line and slope roofing with semi-corrugated (Trafford) asbestos cement sheet 6mm. thick fixed with galvanised iron J or L hooks, bolts and nuts 8mm. dia C.I plain and bitumen washers, over the existing purlins, rafters and trusses including cost of materials, labour, complete as per specifications	Sqm	469.00	Rupees Four Hundred Sixty Nine Only
16	32.93	Wire mesh 50 mmX50mm	Sqm	350.00	Rupees Three Hundred Fifty Only
17	39.00	Providing and fixing in position collapsible steel shutters with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6 mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7.5cms openings at 10 cms. c to c applying a priming coat of red lead paint. cost of materials, labour, HOM of machinery complete as per specifications.	Sqm	6600.00	Rupees Six Thousand Six Hundred Only
18	1500.00	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications.	Cum	100.00	Rupees One Hundred Only
19	1575.00	Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1km and complete as per specifications.	Cum	80.00	Rupees Eighty Only
20	1050.00	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications.	Cum	6.00	Rupees Six Only

Signature of the contractor

Executive Engineer
RRNagara Division
BBMP

Scanned by CamScanner

21	4340.00	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications.(which includes cost of gravel / murrum, watering charges & compaction by vibratory roller)	Cum	340.00	Rupees Three Hundred Forty Only
22	157.50	KSRRB M400-7. Construction of granular sub-base by providing Coarse graded material, speading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density, complete as per specifications.	Cum	1700.00	Rupees One Thousand Seven Hundred Only
23	210.00	KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	Cum	1750.00	Rupees One Thousand Seven Hundred Fifty Only
24	1050.00	KSRRB 500-6.Providing and applying primer coat with S.S bitumen emulsion on prepared surface of granular base such as WBM,WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete as per specifications. MoRT&H Specification No. 502.	Sqm	32.00	Rupees Thirty Two Only
25	2100.00	KSRRB 500-9. Providing and applying tack coat on granular base such as 80/100 grade surfaces hot bitumen primed at 4 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm	16.00	Rupees Sixteen Only
26	52.50	KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with using crushed coarse aggregates as per design mix formula for base/binding course including lpading of aggregates with F.E loader hot mixing of stone aggregates and bitumen in hot mix plant trnsporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade ,rolling by power roller to achieve the desired density ,but excluding cost of primer/tack coat including lead,lift and cost of all materials, labour, HOM of machineries complete as per Specifications. (P.No-158,I No-21.17.4) using 40/60 TPH capacity H.M.P with Mechanical paver Gr-II (50mm to 75mm) with 3.3% VG-30 Bitumen	Cum	6000.00	Rupees Six Thousand Only

Signature of the contractor

Executive Engineer
RRNagara Division
BBMP

Scanned by CamScanner

27	26.25	KSRRB M500-19. Providing and laying semi dense bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder a and filler, transporting the hot mix to work site, laying with a paver finisher with to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 508 complete in all respects as per specifications. using 40/60 TPH capacity H.M.P with Mechanical paver Gr-II (25mm to30mm) with 5% CRMB-55 graded using 40-60 TPH capacity HMP with mechanical paver grading II (25-30 mm) with 5 % CRMB 55 grade	Cum	9475.00	Rupees Nine Thousand Four Hundred Seventy Five Only

Signature of the contractor

Executive Engineer
RRNagara Division
BBMP

Scanned by CamScanner